

1999

CV of Terry Laber

Terry Laber

Follow this and additional works at: https://engagedscholarship.csuohio.edu/sheppard_dna
How does access to this work benefit you? Let us know!

Recommended Citation

Laber, Terry, "CV of Terry Laber" (1999). *Blood Evidence and DNA*. 21.
https://engagedscholarship.csuohio.edu/sheppard_dna/21

This document is brought to you for free and open access by the 2000 Trial Expert Reports and Tests at EngagedScholarship@CSU. It has been accepted for inclusion in Blood Evidence and DNA by an authorized administrator of EngagedScholarship@CSU. For more information, please contact library.es@csuohio.edu.

TERRY LABER

TITLE: Assistant Laboratory Director

EDUCATION: B.S. Chemistry (Math minor)
University of Wisconsin, Eau Claire - 1969

University of Iowa, Iowa City
Teaching Assistant, 12 credit hours (Chemistry)

Augusta College, Augusta, GA - additional courses
in Chemistry

University of Virginia, FBI Academy, Molecular
Biology

University of Minnesota, Biochemistry and Genetics

EXPERIENCE: Crime Laboratory Analyst, United States Army
Criminal Investigation Laboratory, Fort Gordon,
Georgia, 1969-1971.

Forensic Scientist, Minnesota BCA Forensic Science
Laboratory, St. Paul, Minnesota, 1971-1974.

Supervisor, Serology Section, Minnesota BCA
Forensic Science Laboratory, St. Paul, Minnesota,
1974-1988.

Supervisor, Biology Section, Minnesota BCA
Forensic Science Laboratory, St. Paul, Minnesota,
1988-1998.

Assistant Laboratory Director, Minnesota BCA
Forensic Science Laboratory, St. Paul, Minnesota,
1998-present.

**SPECIALIZED
EDUCATION:** Applied Polarized Light Microscopy, McCrone
Research Institute, Chicago, Illinois, 1973

Interpretation of Bloodstain Evidence, Herbert
MacDonnel, Miami, Florida, 1974

Biochemical and Serological Methods in Bloodstain
Analysis, FBI Academy, Quantico, Virginia, 1976.

LEAA Bloodstain Analysis System, Beckman
Instruments, Inc., Anaheim, California, 1978.

STATE EX
178-F

An International Symposium on the Forensic Aspects of DNA Analysis, FBI Academy, Quantico, Virginia, June 19-23, 1981.

Electrophoresis and Electrofocusing Workshop, LKB Instruments, Minneapolis, Minnesota, 1983.

"International Symposium on the Forensic Applications of Electrophoresis", FBI Academy, Quantico, Virginia, June 25-29, 1984.

Bloodstain Pattern Analysis Workshop, Anita Wonder, Sacramento, California, April 12-18, 1987.

DNA Blood Grouping Techniques, Memorial Blood Center of Minneapolis, Minnesota, May 26-28, 1987.

University of Minnesota, College of Biological Sciences, Molecular Biology Laboratory, Dr. Perry Hackett. Observation and hands-on experimentation with Nick-translation, specific activity determination, hybridization and autoradiography or radioactive labelled probes. Techniques of radiation handling, disposal and safety were also observed and followed. August 1988-January 1989.

DNA Technology in Forensic Science Symposium, FBI Academy, Quantico, Virginia, May 30-June 2, 1988.

DNA Workshop, Midwestern Association of Forensic Scientists, Minneapolis, Minnesota, October 3-5, 1988.

DNA Training, Lifecodes, Valhalla, New York, November 7-18, 1988.

Forensic Application of DNA Typing Methods, FBI Academy, Quantico, Virginia, January 3-February 3, 1989.

DNA Workshop and International DNA Symposium, Promega, Madison, Wisconsin, November 26-December 1, 1989.

New Techniques, Standardization of Methods and Data Sharing for DNA Typing Laboratories, Promega, Madison, Wisconsin, April 9-12, 1991.

An International Seminar on the Forensic Aspects of PCR Technology, FBI Academy, Quantico, Virginia, May 28-31, 1991.

2nd International Symposium on the Forensic Aspects of DNA Analysis, FBI Academy, Quantico, Virginia, March 29-April 2, 1993.

The sixth International Symposium on Human Identification, Scottsdale, Arizona, October 11-14, 1995.

American Academy of Forensic Science Meeting, New York, New York, February 19-22, 1997

STR DNA Seminar, Dr. Benoit Leclair, St. Paul, Minnesota, April 3-4, 1997.

Population Genetics Workshop, Dr. George Carmody, St. Paul, Minnesota, April 21-23, 1997.

CODIS National Databasing Meeting, Chicago, Illinois, December 7-10, 1997.

PROFESSIONAL

PRESENTATIONS: "Forensic Evidence in the Courtroom"; William Mitchell College of Law, St. Paul, Minnesota, April, 1973.

"Crime Laboratory Capabilities"; Minnesota Court Reporters, St. Cloud, Minnesota, January, 1974.

"Feasibility of Enzyme Typing in Laboratory Case Work"; Midwestern Association of Forensic Scientists, Chicago, Illinois, October, 1976.

"Identification of Seminal Fluid in Sexual Assault Cases"; Midwestern Association of Forensic Scientists, Chicago, Illinois, October 1976.

"Interpretation of Bloodstain Patterns in Criminal Cases"; Midwestern Association of Forensic Scientists, Chicago, Illinois, October 1976.

"Evaluation of the LEAA Bloodstain Analysis Systems"; Midwestern Association of Forensic Scientists, Chicago, Illinois, October 1976.

"Laboratory Testing of Specimens in Sexual Assault Evidence"; Rochester State Hospital, Rochester, Minnesota, March 1980.

"Interpretation of Bloodstain Patterns"; Minnesota Division of the International Association for Identification, Duluth, Minnesota, August 1980.

"Isoelectric Focusing Workshop; Midwestern Association of Forensic Scientists, St. Louis, Missouri, May, 1982.

Illinois Bloodspatter Interpretation Institute; Joliet, Illinois, March 10-12, 1982.

Silver Lake Bloodspatter Workshop; Silver Lake, Minnesota, April 12-14, 1983.

Midwestern Association of Forensic Scientists Bloodstain Pattern Analysis Workshop, St. Paul, Minnesota, April 26-28, 1983.

"Bloodstain Pattern Interpretations in Criminal Cases"; International Association of Chiefs of Police, Miami, Florida, November, 1983.

Dade County Bloodspatter Workshop; Miami, Florida, November 29-December 2, 1983.

Dade County Bloodspatter Workshop; Miami, Florida, December 6-9, 1983.

"Blood and Semen Evidence in Criminal Investigations"; Hennepin County Attorneys, Minneapolis, Minnesota, April 2, 1984.

"Using Forensic Science in Criminal Defense"; Minnesota Trial Lawyers Association, Minneapolis, Minnesota, May 11, 1984.

Midwestern Association of Forensic Scientists and American Academy of Forensic Sciences Bloodstain Pattern Analysis Workshop; St. Paul, Minnesota, September 24-27, 1984.

Forensic Evidence Seminar, Minnesota County Attorneys Association, January 24, 1985.

Bloodstain Pattern Analysis Workshop; Lansing, Michigan, April 16-19, 1985.

Midwestern Association of Forensic Scientists Bloodstain Pattern Analysis Workshop, St. Paul, Minnesota, September 9-12, 1985.

Canadian Society of Forensic Science Bloodstain Pattern Analysis Workshop, Montreal, Canada, September 23, 1985.

University of South Dakota, Laboratory of Clinical Medicine Forensic Pathology Seminar, Forensic Serology and Bloodspatter Interpretation, Sioux Falls, South Dakota, March 3, 1986.

"International Symposium on Forensic Immunology"; Panel Member, FBI Academy, Quantico, Virginia, June 23-26, 1986.

"Application of Bloodstain Patterns in Criminal Investigations"; Forensic Science Seminar, Richmond, Virginia, September, 1986.

Midwestern Association of Forensic Scientists Bloodstain Pattern Analysis Workshop, St. Paul, Minnesota, September 8-12, 1986.

Guest Lecturer, Bloodstain Pattern Analysis Workshop, Anita Wonder, Sacramento, California, April 12-18, 1987.

Midwestern Association of Forensic Scientists Bloodstain Pattern Analysis Workshop, St. Paul, Minnesota, April 27-May 1, 1987.

Midwestern Association of Forensic Scientists Bloodstain Pattern Analysis Workshop, St. Paul, Minnesota, April 25-29, 1988.

Midwestern Association of Forensic Scientists Bloodstain Pattern Analysis Workshop, St. Paul, Minnesota, April 24-28, 1989.

Midwestern Association of Forensic Scientists Bloodstain Pattern Analysis Workshop, St. Paul, Minnesota, April 23-27, 1990.

Midwestern Association of Forensic Scientists Bloodstain Pattern Analysis Workshop, St. Paul, Minnesota, April 15-19, 1991.

Midwestern Association of Forensic Scientists Bloodstain Pattern Analysis Workshop, St. Paul, Minnesota, April 27-May 1, 1992.

Midwestern Association of Forensic Scientists, Bloodstain Pattern Analysis Workshop, St. Paul, Minnesota, April 26-30, 1993.

Midwestern Association of Forensic Scientists, Bloodstain Pattern Analysis Workshop, St. Paul, Minnesota, April 25-29, 1994.

Midwestern Association of Forensic Scientists,
Bloodstain Pattern Analysis Workshop, St. Paul,
Minnesota, April 24-28, 1995.

Midwest Technical Working Group on DNA Analysis
Methods Conference, Chicago, Illinois, January 18
& 19, 1996. (Member and guest speaker)

Midwestern Association of Forensic Scientists,
Bloodstain Pattern Analysis Workshop, St. Paul,
Minnesota, April 22-26, 1996.

Forensic Biology in Transition: Managing DNA
Quality Assurance Issues, April 29-May 1, 1996
Springfield, Illinois,
Speaker: "Setting Up a QA/QC Program".

National Conference on the Future of DNA:
Implications for the Criminal Justice System
June 14-15, 1996 Arlington, Virginia
Guest Speaker: CODIS and Database Issues

Midwestern Association of Forensic Scientists,
Bloodstain Pattern Analysis Workshop, St. Paul,
Minnesota, April 28-May 2, 1997.

Midwestern Association of Forensic Scientists,
Bloodstain Pattern Analysis Workshop, St. Paul,
Minnesota, April 27-May 1, 1998.

TWGDAM

PARTICIPATION: Technical Working Group on DNA Analysis Methods,
FBI Academy, Quantico, Virginia

1. November 20-22, 1988
2. February 23-24, 1988
3. May 31-June 1, 1989
4. August 10-12, 1989
5. January 16-18, 1989
6. May 29-31, 1990
7. October 9-11, 1990
8. January 22-24, 1991
9. July 1-3, 1991
10. January 27-29, 1992
11. June 28-29, 1992
12. February 8-9, 1993
13. July 26-27, 1993
14. January 11-12, 1994
15. July 25-26, 1994
16. June 19-21, 1995
17. January 29-31, 1996

CODIS

PARTICIPATION: Combined DNA Information Systems, FBI Academy,
Quantico, Virginia

1. April 3-5, 1991
2. July 3, 1991
3. January 29, 1992
4. June 30, 1992
5. February 10, 1993
6. July 28, 1993
7. January 13, 1994
8. July 27, 1994
9. February 2, 1996

DAB

PARTICIPATION: DNA Advisory Board on National DNA Standards

1. May 12, 1995
2. September 20, 1995
3. June 21, 1995
4. February 1, 1996
5. June 20 - 21, 1996
6. January 13, 1997
7. February 20 & 22, 1997

SOCIETIES: Midwestern Association of Forensic Scientists

American Academy of Forensic Sciences

International Association of Bloodstain Pattern
Analysts

PUBLICATIONS: Dykes, D.D.; Laber, T.L. and Polesky, H.H.,
Isoelectric Focusing of Gc Subtypes in Blood
Stains, Forensic Science International, 1981.

Laber, T.L. and Epstein, B.P., Experiments and
Practical Exercises in Bloodstain Pattern
Analysis, Callan Publishing, Inc., St. Paul,
Minnesota, 1983.

Laber, T.L., Diameter of Bloodstain as a Function
of Origin, Distance Fallen and Volume of Drop,
IABPA News, Vol. 2, No. 4, February, 1985.

Laber, T.L., Bloodspatter Classification, IABPA
News, Vol. 2, No. 4, December 1985.

Springer, E.E.; Laber, T.L. and Randall, B.B., The Examination of Vaginally Inserted Plastic Tampon Applicators for Genetic Markers and Evidence of Prior Sexual Intercourse, Journal of Forensic Sciences, Vol. 33, No. 5, September 1988.

Laber, T.L.; O'Connor, J.M.; Iverson, J.T.; Liberty, J.A. and Bergman, D.L., Evaluation of Four Deoxyribonucleic Acid (DNA) Extraction Protocols for DNA Yield and Variation in Restriction Fragment Length Polymorphism (RFLP) Sizes Under Varying Gel Conditions. Journal of Forensic Sciences, JFSCA, Vol. 37, No. 2, March 1992, pp. 404-424.

Laber, T.L.; Giese, S.A.; Iverson, J.T. and Liberty, J.A., Validation Studies on the Forensic Analysis of Restriction Fragment Length Polymorphism (RFLP) on LE Agarose Gels Without Ethidium Bromide: Effects of Contaminants, Sunlight, and the Electrophoresis of Varying Quantities of Deoxyribonucleic Acid (DNA), Journal of Forensic Sciences, JFSCA, Vol. 39, No. 3, May 1994, pp. 707-730.

Laber, T.L.; Iverson, J.T.; Liberty, J.A. and Giese, S.A., The Evaluation and Implementation of Match Criteria for Forensic Analysis of DNA, Journal of Forensic Sciences, JFSCA, Vol. 40, No. 6, November 1995, pp. 1058-1064

CASE AND TESTIMONY:

A conservative estimate of the number of bloodstain pattern analysis cases that I have worked is between 200 and 300 cases from Minnesota and about 50 from other jurisdictions outside of Minnesota. I have testified as an expert in bloodstain pattern analysis over 50 times.

Cases from locations outside Minnesota (* testified)

Alabama	*Michigan	**Texas
*Alaska	Mississippi	Wisconsin
*Arizona	Missouri	
California	Nebraska	NW Territories
*Colorado	New Jersey	**Ontario
*Florida	*North Carolina	*Germany
Illinois	North Dakota	New York
**Indiana	*Ohio	Oregon
Iowa	*Oklahoma	UK
*Louisiana	South Dakota	